

BardyDx[®] Carnation Ambulatory Monitor (CAM[®]) Specifications

ELECTRODE CHARACTERISTICS

ITEM	SPECIFICATION
Number of electrodes	2
Type	Electrode incorporating electrode gel and internal lead wire
Supplied as	Disposable, non-sterile
Lead wire length	11.6 cm (no patient contact)
Materials	Electrode gel: Medical grade conductive synthetic Adhesive: Medical grade skin adhesive

ENVIRONMENTAL SPECIFICATIONS (ECG DEVICE)

ITEM	SPECIFICATION
Operating temperature	50°F to 113°F (10°C to 45°C)
Operating altitude	700 to 1060 hPa
Operating humidity	10% to 95% (non-condensing)
Transport temperature	14°F to 130°F (-10 °C to 55 °C)
Storage temperature	59°F to 77°F (15°C to 25°C)
Transport/Storage humidity	10% to 95% (non-condensing)
Transport/ Storage altitude	500 to 1060 hPa
Standards compliance	Applicable sections of IEC 60601-1, 60601-1-2, 60601-1-11, 60601-2-47

PERFORMANCE CHARACTERISTICS

ITEM	SPECIFICATION		
Recording capacity	48 hours	7 days	14 days
Recording capacity	48 hours	7 days	14 days
ECG Channels	1 channel	1 channel	1 channel
Recording format	Continuous	Continuous	Continuous
Service life	48 hours	7 days	14 days
Shelf life	2 years	2 years	2 years

PHYSICAL CHARACTERISTICS

ITEM	SPECIFICATION
Approximate Dimensions	178mm x 38mm x 14mm
Weight	16g
Enclosure material	ABS

ELECTRICAL CHARACTERISTICS

ITEM	SPECIFICATION
Frequency response	0.67 Hz to 25 Hz
Differential range	4 mV
A/D sampling rate	171 Hz

POWER REQUIREMENTS

Battery type	Lithium primary (coin cell)
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CLASSIFICATION

Type of protection	Internally powered
Degree of protection	Type BF applied part
Protection against objects and water ingress	IP23 (Protected against intrusion from fingers and small objects, and from water falling as a spray at an angle of up to 60° from vertical)

